

FIG. 1

2 : NUMERICALLY CONTROLLED  
AUTOMATIC LATHE

2 2 0 : HEADSTOCK

1 2 : STOCKER

1 : BAR MATERIAL SUPPLY DEVICE

1 1 : GUIDE  
1 3 : PUSH ROD  
FEEDING UNIT

1 0 : BASE

1 5 : PUSH ROD

w : BAR  
MATERIAL

2 3 1

2 3 0 : SPINDLE

2 3 0 a : THROUGH-HOLE

2 1 0 : TOOL POST

C

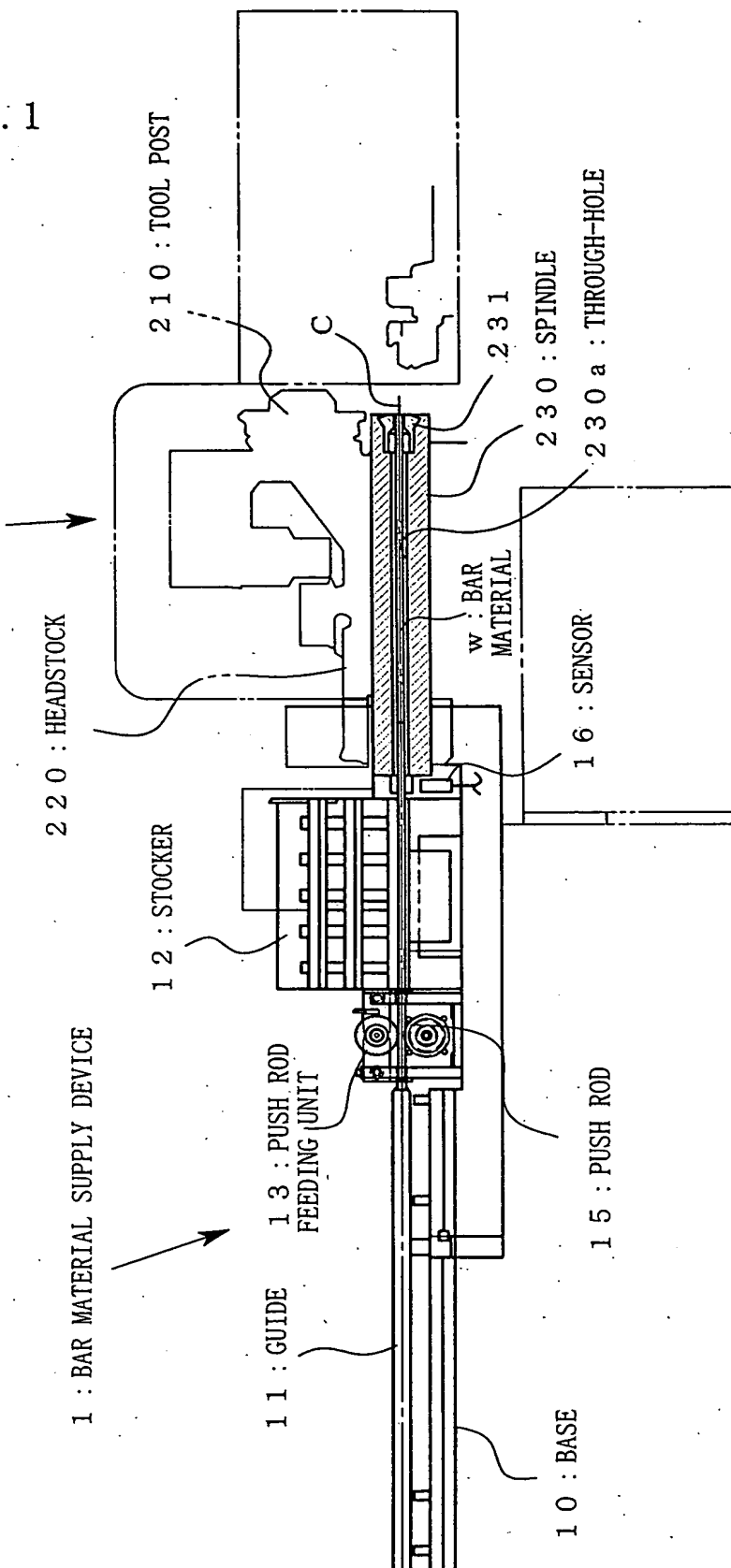


FIG. 2

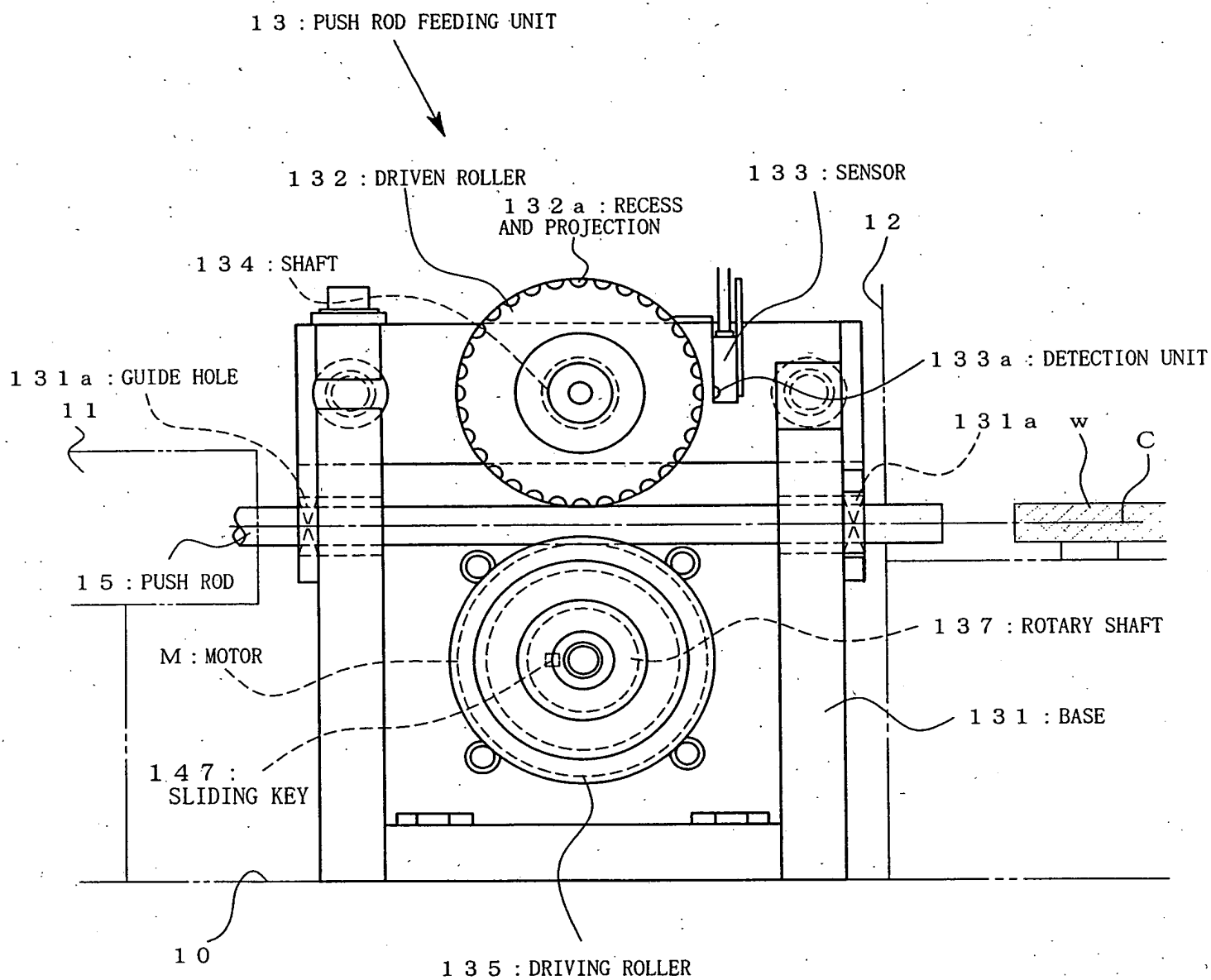


FIG. 3

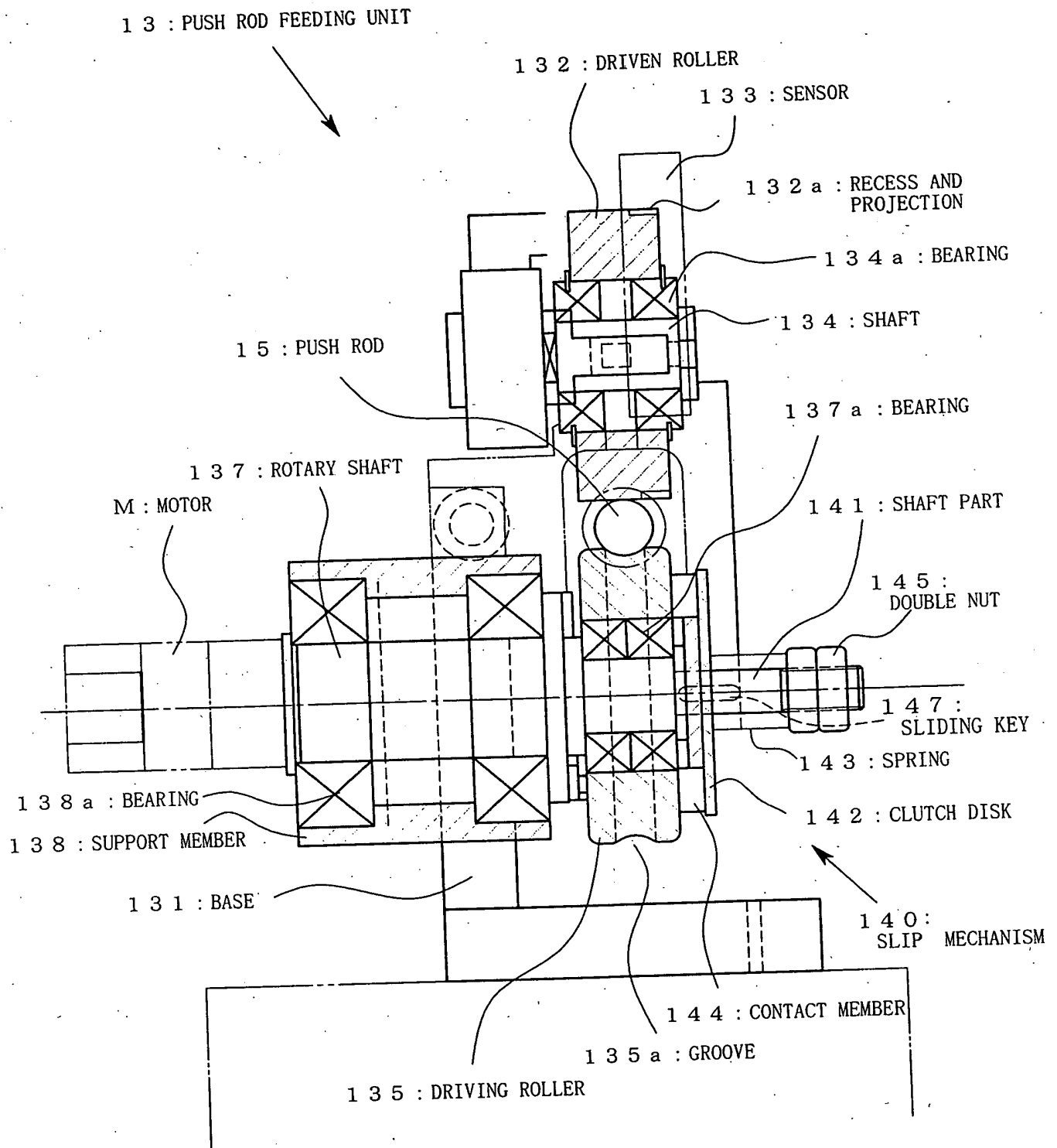


FIG. 4

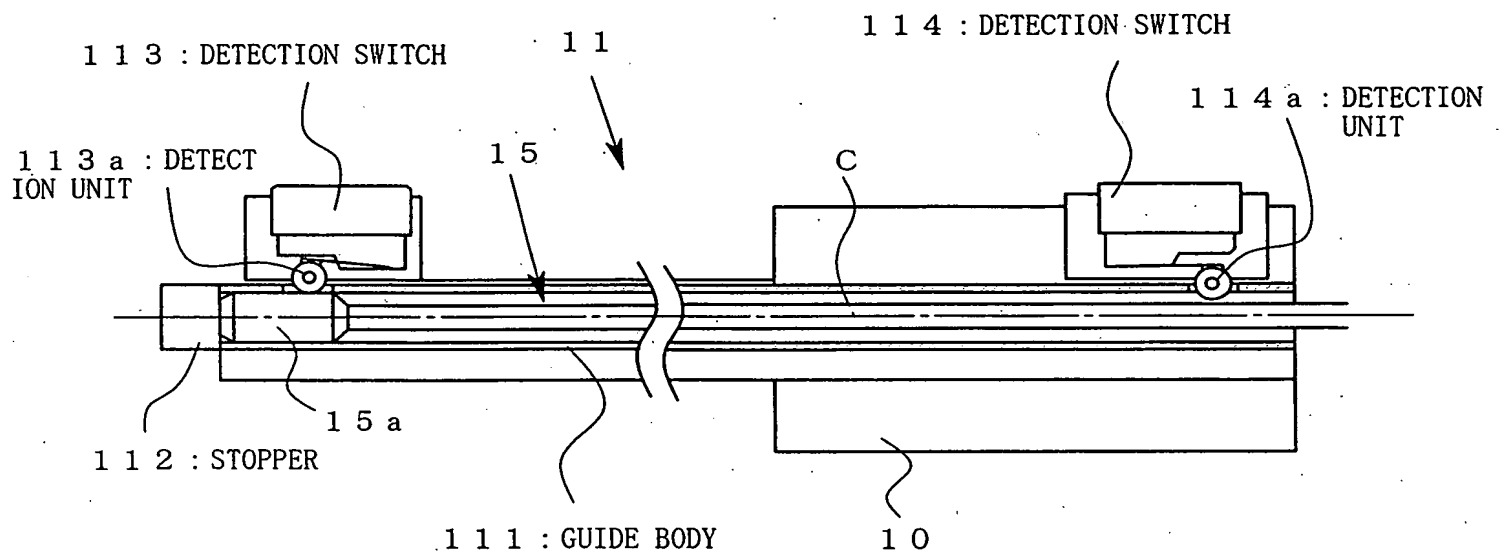


FIG. 5

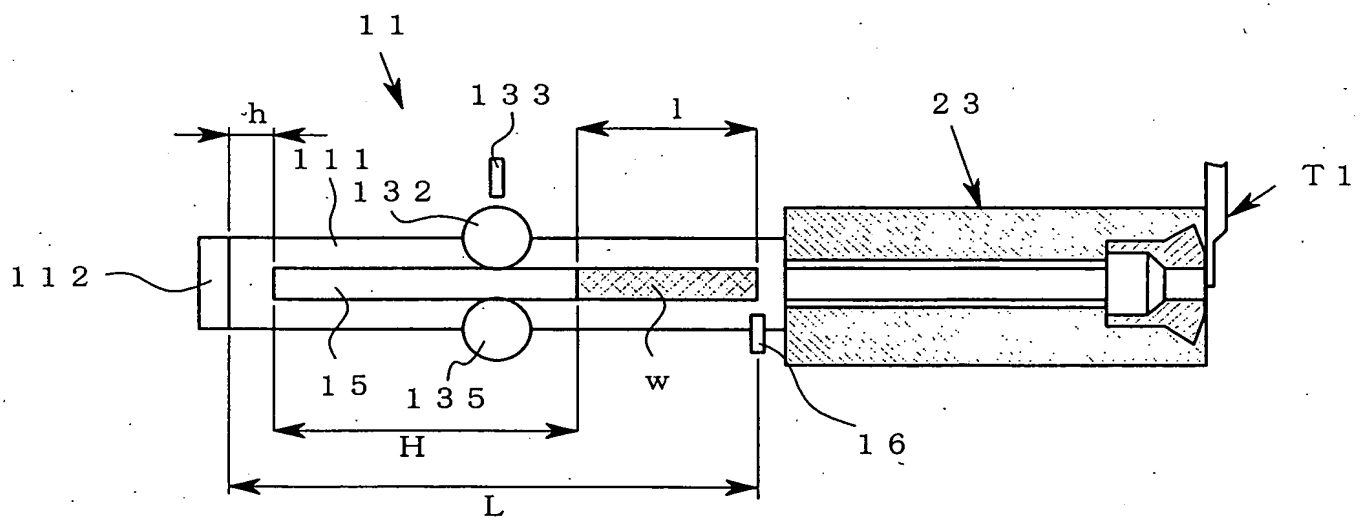


FIG.6

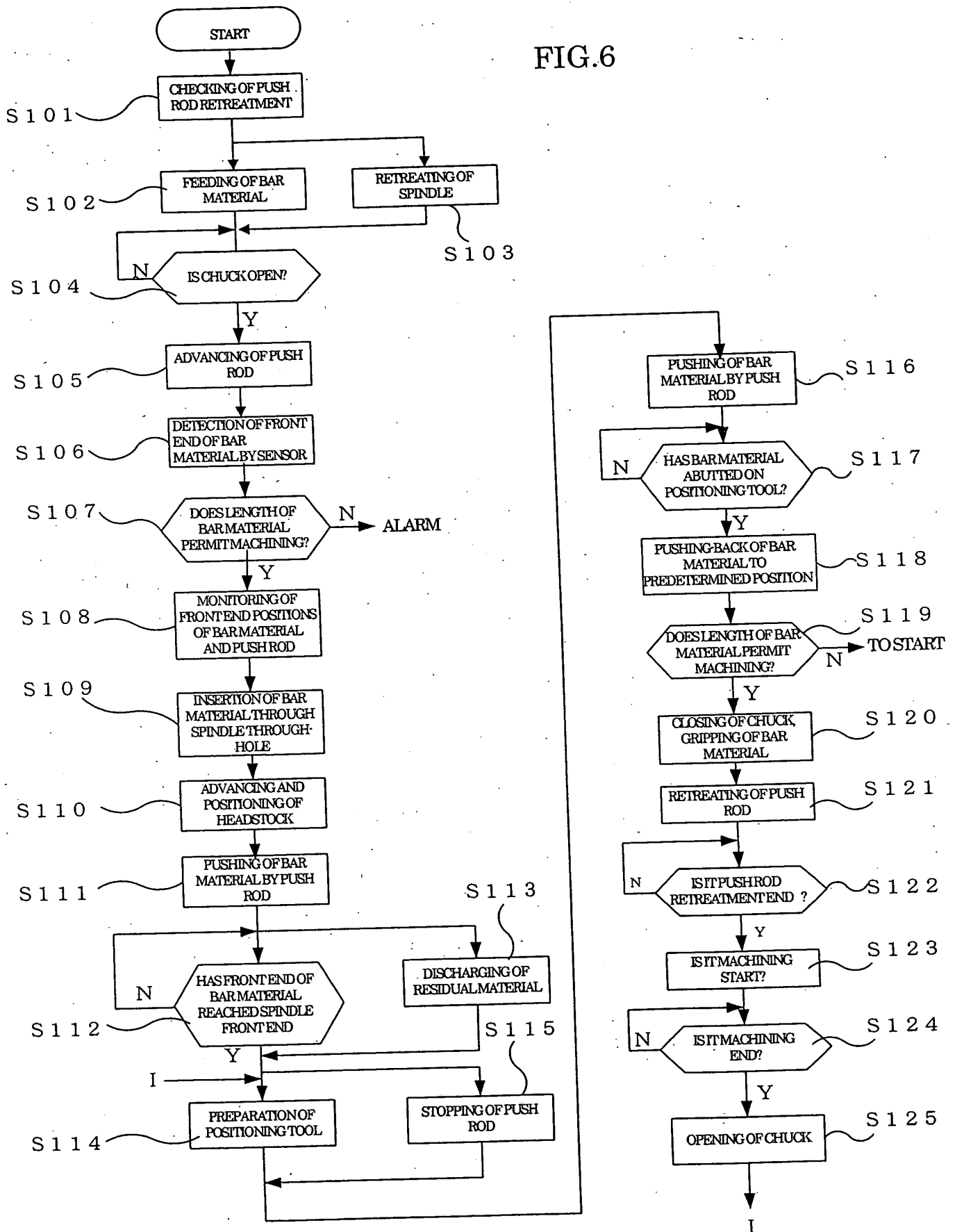


FIG. 7

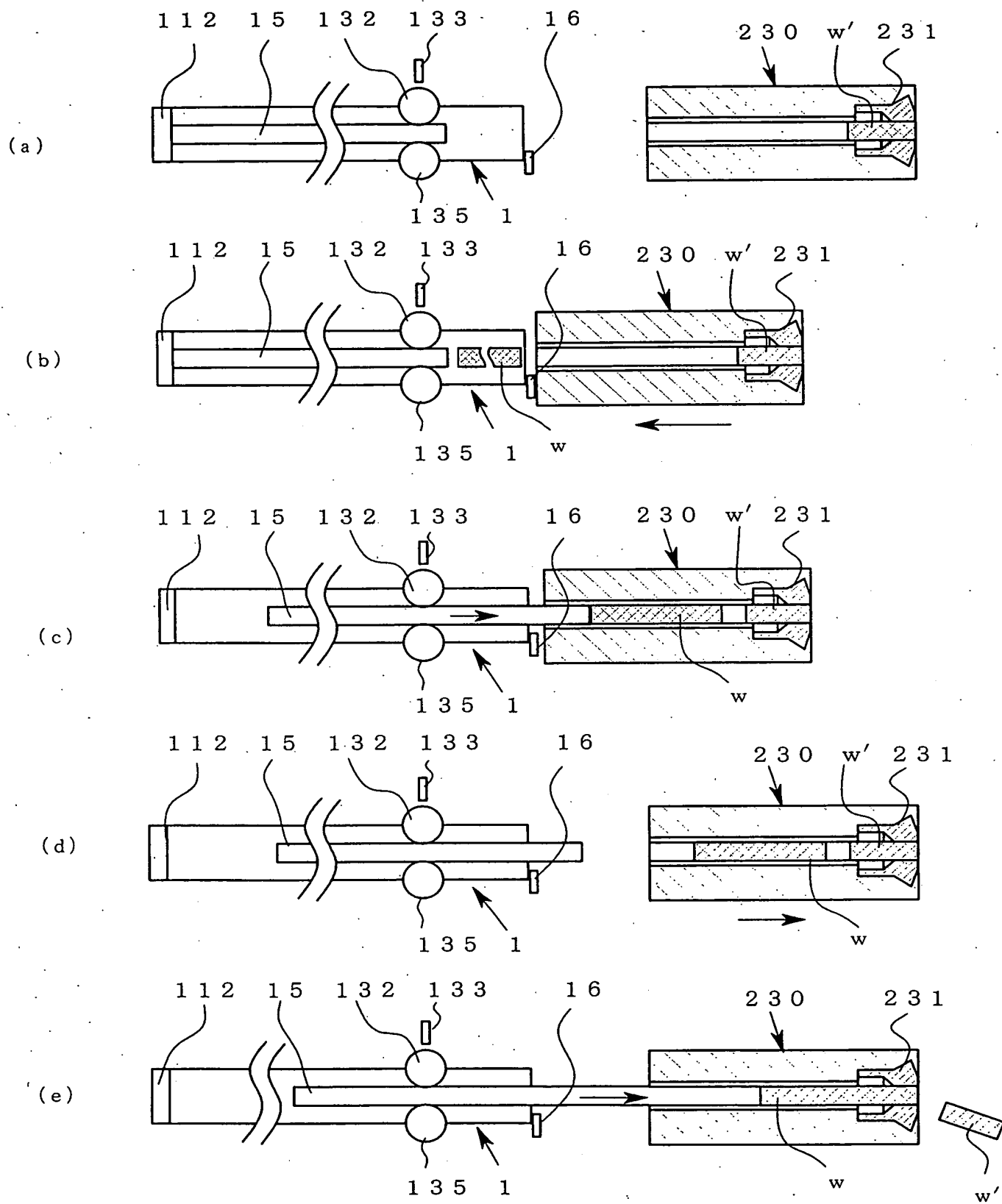


FIG. 8

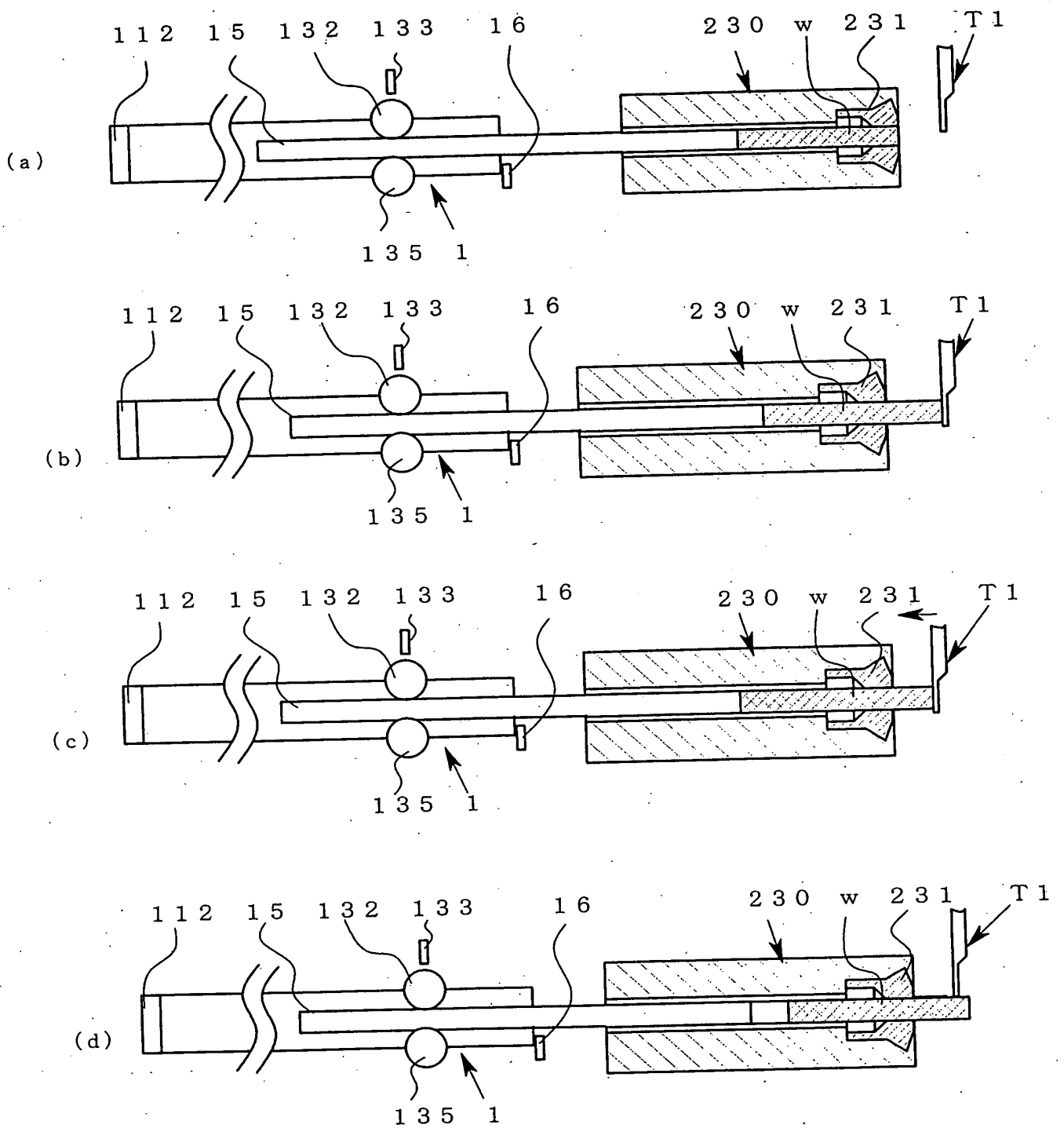


FIG.9

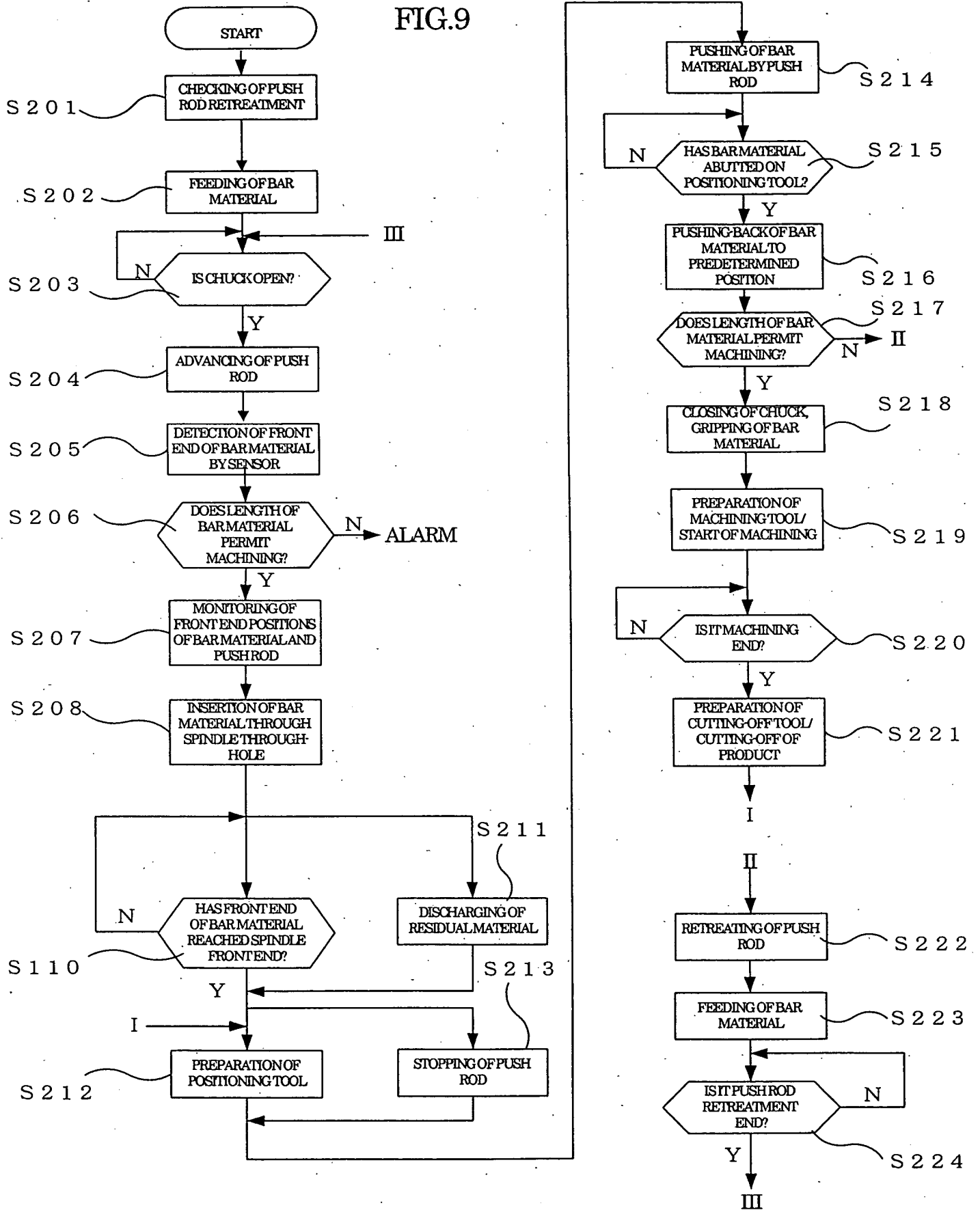




FIG. 10

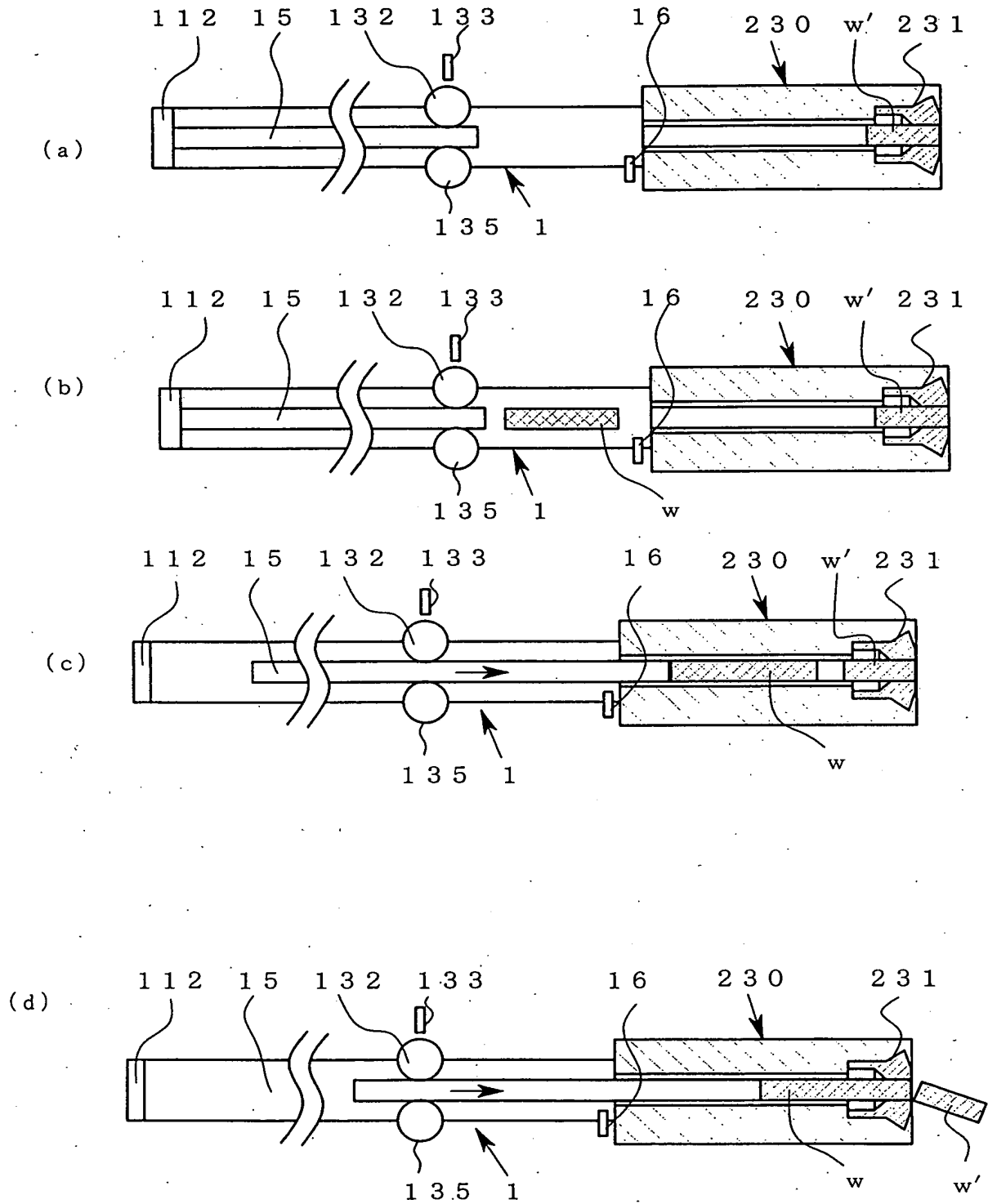


FIG. 11

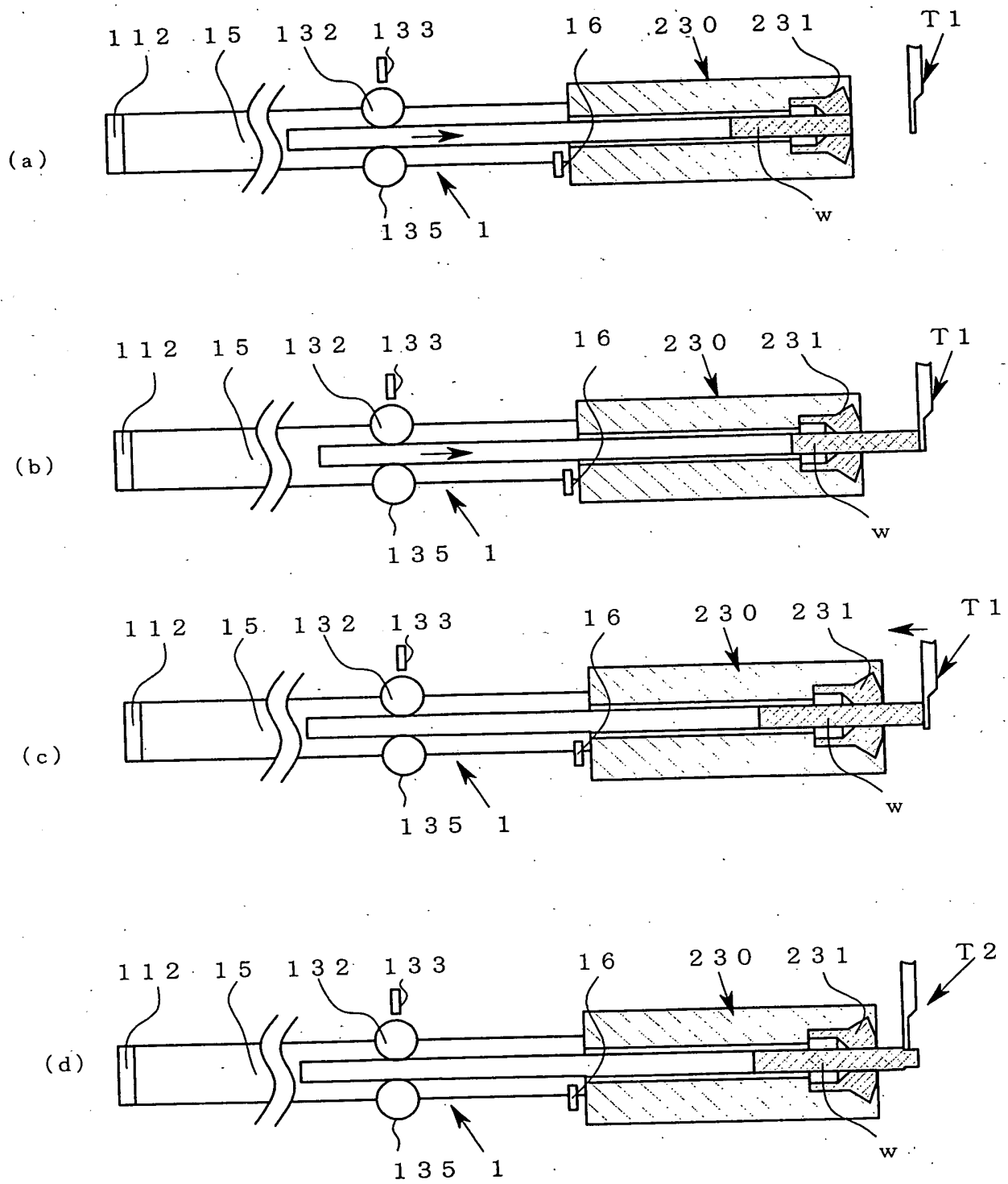


FIG. 12

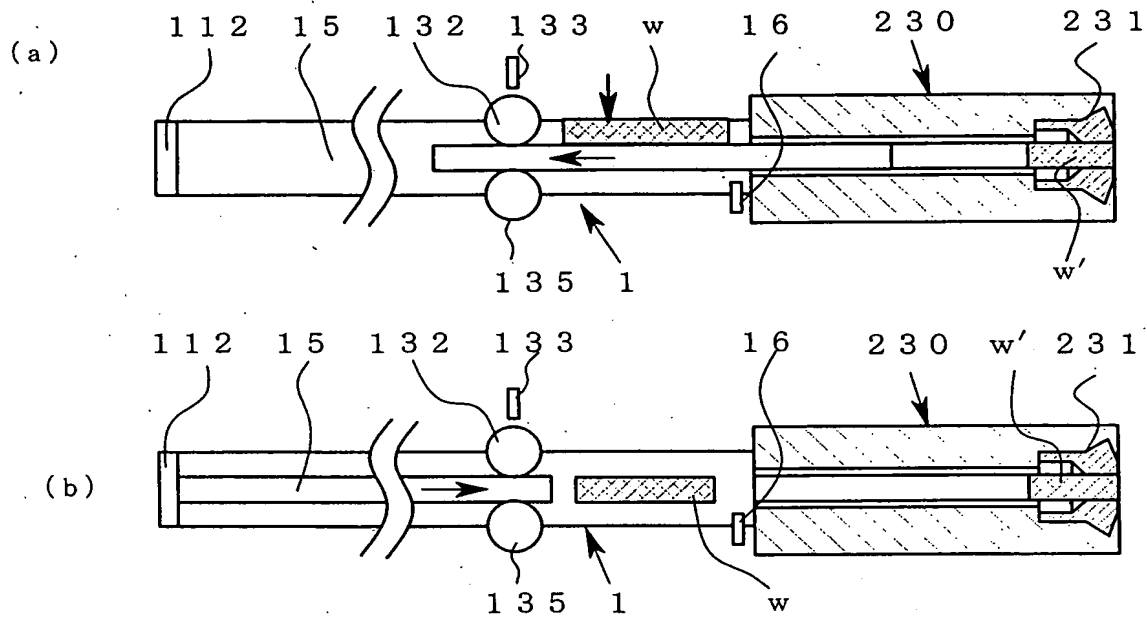


FIG. 13

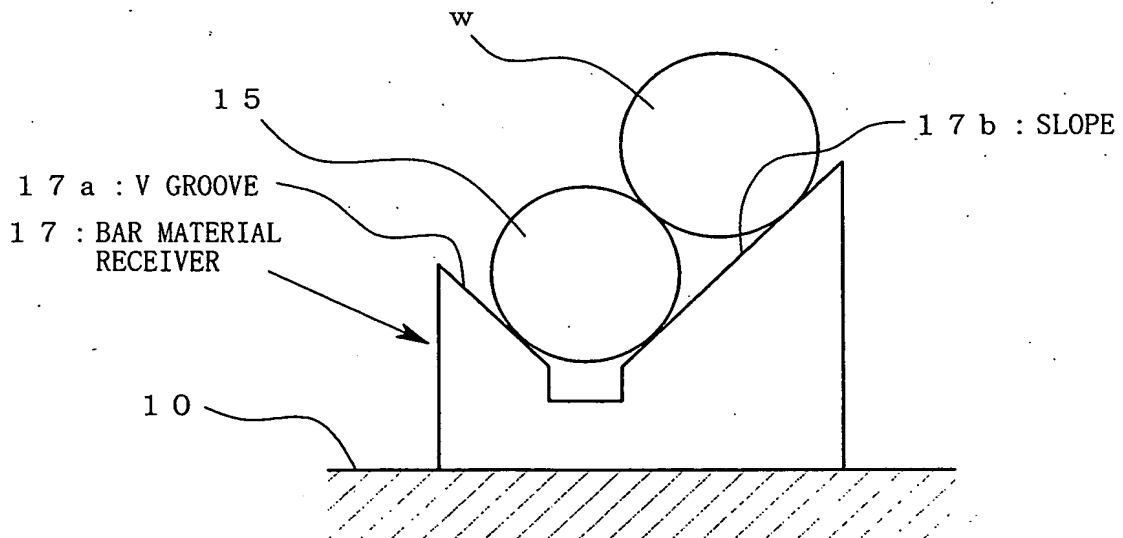


FIG. 14

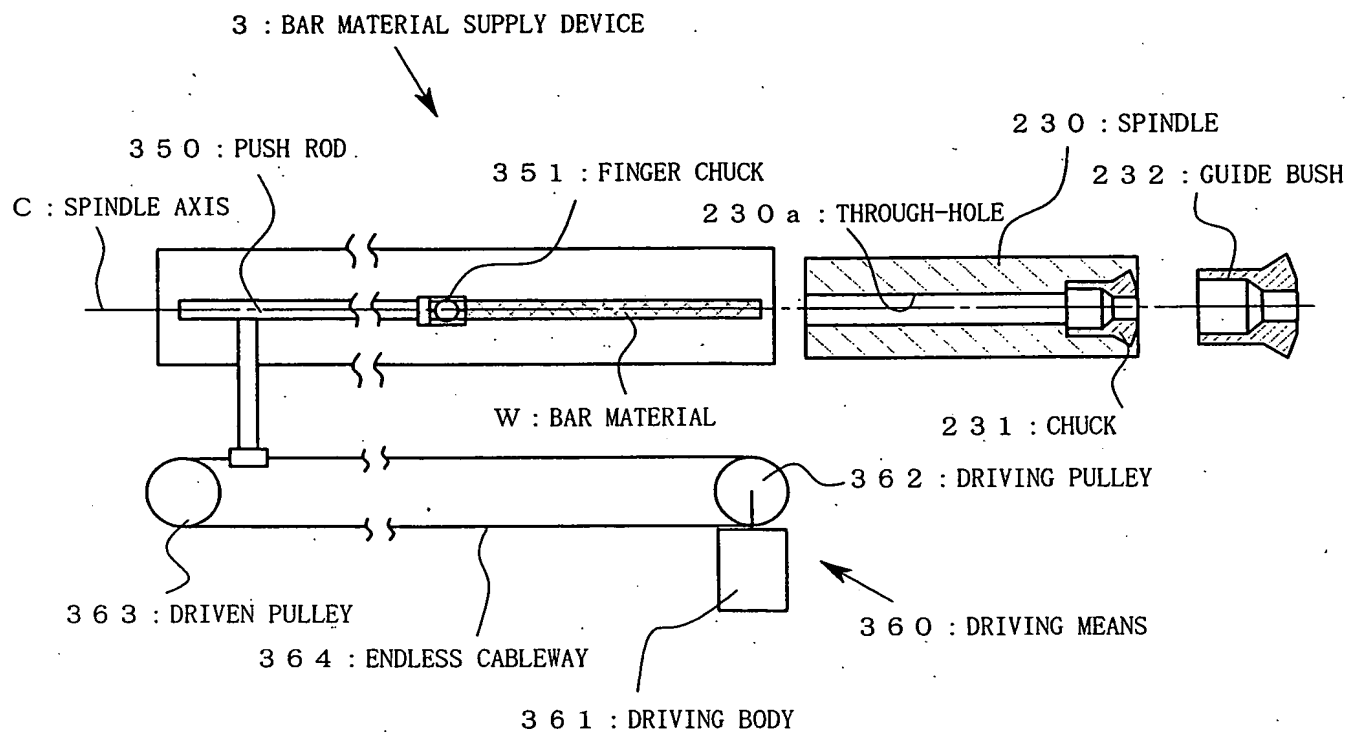


FIG. 15

